

Europäisches Patentamt
European Patent Office
Office européen des brevets



(11) **EP 1 077 047 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
31.10.2001 Bulletin 2001/44

(51) Int Cl.7: **A61B 17/11**

(43) Date of publication A2:
21.02.2001 Bulletin 2001/08

(21) Application number: **00117824.3**

(22) Date of filing: **18.08.2000**

(84) Designated Contracting States:
**AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE**
Designated Extension States:
AL LT LV MK RO SI

(71) Applicant: **Yugengai-sha Pacs Optica Japan
Misato-shi, Saitama-ken (JP)**

(72) Inventor: **Yamanouchi, Elgoro
Misato-shi, Saitama-ken (JP)**

(30) Priority: **19.08.1999 JP 23287699
15.03.2000 JP 2000072550**

(74) Representative:
**Blumbach, Kramer & Partner GbR
Radeckestrasse 43
81245 München (DE)**

(54) **Organ anastomosing apparatus**

(57) An apparatus for anastomosing an organ of a subject to be anastomosed such as patient comprises a pair of magnets (2,3) being disposed to predetermined sites or regions of organs of the subject each other so as to be opposed through wall portions of the respective organs, the magnets being adsorbed to each other so as to form an anastomosis site having a through hole for making communication between the organ walls, a

flexible soft guide wire detachably mounted to at least one of the paired magnets, and a guide tube (7) inserted into a body of the subject with the guide wire (4) being inserted therein, the guide tube (7) coming into contact with a guide wire mount surface of the one (2) of magnets so as to support the one magnet when the guide wire is removed from the one magnet and the guide tube (7) being inserted into the through hole of the anastomosis site to maintain formation of the through hole.

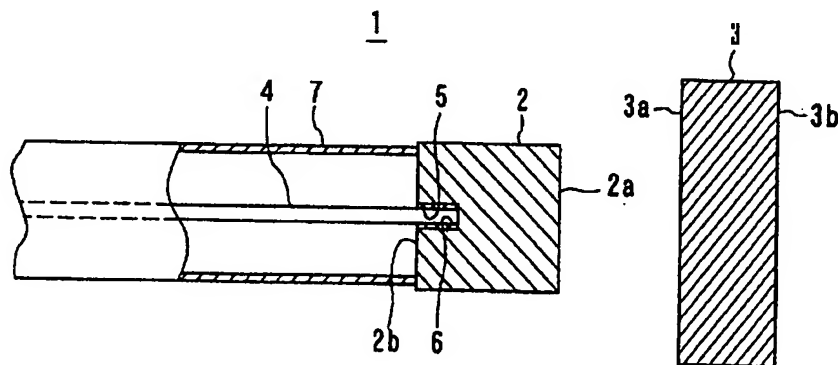


FIG. 1

EP 1 077 047 A3



European Patent
Office

PARTIAL EUROPEAN SEARCH REPORT

Application Number

which under Rule 45 of the European Patent Convention shall be considered, for the purposes of subsequent proceedings, as the European search report

EP 00 11 7824

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
A	WO 81 00668 A (JANSEN) 19 March 1981 (1981-03-19) * figures 10,11 *	1	A61B17/11
A,D	EP 0 754 434 A (COOK) 22 January 1997 (1997-01-22) * the whole document *	1	
A	WO 97 12555 A (CEDARS-SINAI) 10 April 1997 (1997-04-10) * figures 15-21 *	1	
A	US 5 595 562 A (GRIER) 21 January 1997 (1997-01-21)		
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			A61B
INCOMPLETE SEARCH			
<p>The Search Division considers that the present application, or one or more of its claims, does/do not comply with the EPC to such an extent that a meaningful search into the state of the art cannot be carried out, or can only be carried out partially, for these claims.</p> <p>Claims searched completely :</p> <p>Claims searched incompletely :</p> <p>Claims not searched :</p> <p>Reason for the limitation of the search:</p> <p>see sheet C</p>			
Place of search	Date of completion of the search	Examiner	
THE HAGUE	4 September 2001	Barton, S	
CATEGORY OF CITED DOCUMENTS			
<p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p>			
<p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

EPO FORM 1503 03 02 (P04007)



European Patent
Office

INCOMPLETE SEARCH
SHEET C

Application Number
EP 00 11 7824

Claim 17 is not clear in that it seeks to define its subject matter in terms of the intended use of the apparatus, without defining technical features of the apparatus necessary to make the apparatus suitable for such use. Claims 18-21 can not be searched since they are dependent on claim 17. Claim 22 is only searchable as dependent on claim 1.

Claim(s) searched completely:
1-12

Claim(s) searched incompletely:
22

Claim(s) not searched:
13-16,17-21

Reason for the limitation of the search (non-patentable invention(s)):

Article 52 (4) EPC - Method for treatment of the human or animal body by surgery (claims 13-16); Article 84 EPC - Claims not clearly defining the matter for which protection is sought (claims 17-21)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 00 11 7824

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

04-09-2001

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 8100668	A	19-03-1981	NL 7906691 A	10-03-1981
			EP 0036861 A	07-10-1981
EP 754434	A	22-01-1997	US 5690656 A	25-11-1997
			AU 706895 B	01-07-1999
			AU 5069196 A	09-01-1997
			CA 2174038 A	28-12-1996
			DE 69604457 D	04-11-1999
			JP 9010218 A	14-01-1997
WO 9712555	A	10-04-1997	US 5702412 A	30-12-1997
			US 6068637 A	30-05-2000
			AU 7255796 A	28-04-1997
			EP 0915677 A	19-05-1999
			EP 0956825 A	17-11-1999
			JP 11514263 T	07-12-1999
US 5595562	A	21-01-1997	NONE	

EPO FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82